

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-194. (Cancelled)

195. (Previously Presented) A method of inhibiting B lymphocytes comprising administering an effective amount of an antibody that binds a protein whose amino acid sequence is:

MDDSTEREQS RLTSLKKRE EMKLKECVSI LPRKESPSVR SSKDGKLLAA
TLLLALLSCC LTVVSFYQVA ALQGDLASLR AELQGHHAEK LPAGAGAPKA
GLEEAPAVTA GLKIFEPPAP GEGNSSQNSR NKRAVQGPEE TVTQDCLQLI
ADSETPTIQQK GSYTFVPWLL SFKRGSALEE KENKILVKET GYFFIYGQVL
YTDKTYAMGH LIQRKKVHVF GDELSLVTLF RCIQNMPETL PNNSCYSAGI
AKLEEGDELQ LAIPRENAQI SLGDGVTFGG ALKLL

wherein B lymphocytes are inhibited.

196. (Previously Presented) A method of inhibiting B lymphocyte proliferation comprising administering an effective amount of an antibody that binds Neutrokin-alpha (SEQ ID NO:2), wherein B lymphocyte proliferation is inhibited.

197. (Previously Presented) A method of inhibiting B lymphocyte differentiation comprising administering an effective amount of an antibody that binds Neutrokin-alpha (SEQ ID NO:2), wherein B lymphocyte differentiation is inhibited.

198. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a monoclonal antibody.

199. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is recombinantly produced.

200. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a chimeric antibody.

201. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a humanized antibody.

202. (Previously Presented) The method of any one of claims 195-197, wherein the antibody comprises human constant domains.

203. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a F(ab')2 fragment.

204. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a polyclonal antibody.

205. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is a Fab fragment.

206. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is administered to an individual.

207. (Previously Presented) The method of any one of claims 195-197, wherein the antibody is administered to a cell culture.

208-221. (Cancelled)